

**PCT**WORLD INTELLECTUAL PROPERTY ORGANIZATION  
International Bureau

## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<b>(51) International Patent Classification <sup>7</sup> :</b> <b>C07K 14/00</b>	<b>A2</b>	<b>(11) International Publication Number:</b> <b>WO 00/26236</b> <b>(43) International Publication Date:</b> 11 May 2000 (11.05.00)
<b>(21) International Application Number:</b> PCT/CA99/01057 <b>(22) International Filing Date:</b> 29 October 1999 (29.10.99)  <b>(30) Priority Data:</b> 60/106,258 30 October 1998 (30.10.98) US  <b>(71) Applicant (for all designated States except US):</b> THE UNIVERSITY OF BRITISH COLUMBIA [CA/CA]; IRC Room 331, 2194 Health Sciences Mall, Vancouver, British Columbia V6T 1Z3 (CA).  <b>(72) Inventor; and</b> <b>(75) Inventor/Applicant (for US only):</b> MacCALMAN, Colin, D. [CA/CA]; 1802-930 Cambie Street, Vancouver, British Columbia V6B 5X6 (CA).  <b>(74) Agents:</b> ROBINSON, J., Christopher et al.; Smart & Biggar, Suite 2200, 650 West Georgia Street, Box 11560, Vancouver, British Columbia V6B 4N8 (CA).		<b>(81) Designated States:</b> CA, JP, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).  <b>Published</b> <i>Without international search report and to be republished upon receipt of that report.</i>
<b>(54) Title:</b> CADHERIN-11 EXPRESSION, AN ASSAY AND TREATMENT FOR CELLULAR INVASIVENESS  <b>(57) Abstract</b>  A method of modulating differentiation or neoplastic transformation of cells is provided in which the cells are caused to increase or decrease cad-11 expression or function. Such method has application in affecting differentiation or neoplastic transformation of cells, preventing or terminating pregnancy by altering cad-11 function or expression in trophoblast cells, or for reducing the viability of carcinoma cells having a low to moderate metastatic potential. The use of agents which increase or decrease cad-11 expression or function is also provided, including such use for preparation of medicaments for modulating differentiation or neoplastic transformation of cells. A method for assessing the metastatic potential of carcinoma cells is also provided.		